



1647
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Soppet, et al.

Confirmation No.: 5548

Application Serial No.: 10/070,532

Group Art Unit: 1647

Filed: March 7, 2002

Examiner: C. J. Nichols

Title: Human Neuropeptide Receptor

Atty. Docket No.: PF168P3

SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT PURSUANT TO 37 CFR § 1.56 and § 1.97(b)(3)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 to inform the Patent and Trademark Office of all references coming to the attention of each individual associated with the filing or prosecution of the subject application, which are or may be material to the patentability of a claim of the subject application, Agent for Applicants hereby directs the Examiner's attention to references CT-CW listed on the attached Form PTO/SB/08a/b. A copy of each of reference(s) CT-CW is enclosed.

The above information is presented so that the Patent and Trademark Office can determine any materiality thereof to the claimed invention. See 37 CFR § 1.104(a) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be considered during the prosecution of this application.

Identification of the listed reference(s) is not to be construed as an admission of any individual associated with the filing or prosecution of the subject application that such references are available as "prior art" against the subject application. Furthermore, Applicants do not waive any rights to appropriate action to establish patentability over any of the listed documents should they be applied as references against the claims of the subject application.

Applicants respectfully request that the Examiner review the listed reference(s) and that the reference(s) be made of record in the file history of the application.

Pursuant to 37 C.F.R. § 1.97(b)(3), since it is believed that this information disclosure statement is being filed before the mailing date of a first Office Action on the merits, no fee is due in connection herewith. However, should the Patent Office determine otherwise, please charge the required fee to Human Genome Sciences, Inc., deposit account no. 08-3425.

Respectfully submitted,



Doyle A. Siever (Reg. No. 47,088)
Patent Agent
Human Genome Sciences, Inc.
14200 Shady Grove Road
Rockville, MD 20850
Telephone: (301) 354,3932

Dated: September 29, 2004



IN LIEU OF PTO/SB/17 (10-03)

*** Please note request to charge additional fees during the pendency of the application.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 0.00)

<i>Complete if Known</i>	
Application Number	10/070,532
Filing Date	March 7, 2002
First Named Inventor	Daniel R. Soppet
Examiner Name	C. J. Nichols
Art Unit	1647
Attorney Docket No.	PF168P3

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None

Deposit Account:

Deposit Account Number **08-3425**
Deposit Account Name **Human Genome Sciences, Inc.**

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
 *** Charge any additional fee(s) during the pendency of the application

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1051	130	2051	65
1052	50	2052	25
1053	130	1053	130
1812	2,520	1812	2,520
1804	920*	1804	920*
1805	1,840*	1805	1,840*
1251	110	2251	55
1252	420	2252	210
1253	950	2253	475
1254	1,480	2254	740
1255	2,010	2255	1,005
1401	330	2401	165
1402	330	2402	165
1403	290	2403	145
1451	1,510	1451	1,510
1452	110	2452	55
1453	1,330	2453	665
1501	1,330	2501	665
1502	480	2502	240
1503	640	2503	320
1460	130	1460	130
1807	50	1807	50
1806	180	1806	180
8021	40	8021	40
1809	770	2809	385
1810	770	2810	385
1801	770	2801	385
1802	900	1802	900
Other fee (specify) _____			
*Reduced by Basic Filing Fee Paid		SUBTOTAL (3) (\$)	0.00

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1001	770	2001	385
1002	340	2002	170
1003	530	2003	265
1004	770	2004	385
1005	160	2005	80
SUBTOTAL (1) (\$)		0.00	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Extra Claims	Fee from below	Fee Paid
Total Claims	** =	<input type="checkbox"/> x <input type="checkbox"/> = <input type="checkbox"/>
Independent Claims	** =	<input type="checkbox"/> x <input type="checkbox"/> = <input type="checkbox"/>
Multiple Dependent		<input type="checkbox"/> = <input type="checkbox"/>

Large Entity	Small Entity	Fee Description
Fee Code	Fee (\$)	Fee Code (\$)
1202	18	2202 9
1201	86	2201 43
1203	290	2203 145
1204	86	2204 43
1205	18	2205 9
SUBTOTAL (2) (\$)		0.00

** or number previously paid, if greater; For Reissues, see above

(Complete if applicable)

Name (Print/Type)	Doyle A. Siever	Registration No. (Attorney/Agent)	47,088	Telephone	(301) 354-3932
Signature	<i>Doyle A. Siever</i>			Date	9/29/2004



Substitute for form 1449A/B/PTO				<i>Complete if Known</i>	
				Application Number	10/070,532
				Filing Date	March 7, 2002
				First Named Inventor	Daniel R. Soppet
				Art Unit	1647
				Examiner Name	C. J. Nichols
Sheet	1	of	1	Attorney Docket Number	PF168P3

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
					<input checked="" type="checkbox"/> ⁶

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	CT	FRIEDMAN, et al., "Tackling a weighty problem," <i>Cell</i> , 69(2):217-220 (April 17, 1992)			
	CU	LOPEZ, et al., "Leptin regulation of prepro-orexin and orexin receptor mRNA levels in the hypothalamus," <i>Biochem. Biophys. Res. Commun.</i> , 269(1):41-45 (March 5, 2000)			
	CV	SAHU, et al., "Nutritional regulation of hypothalamic leptin receptor gene expression is defective in diet-induced obesity," <i>J. Neuroendocrinol.</i> , 14(11):887-893 (November 2002); Erratum in: <i>J. Neuroendocrinol.</i> 15(1):104 (January 2003)			
	CW	SMITH, et al., "Evidence implicating a role for orexin-1 receptor modulation of paradoxical sleep in the rat," <i>Neurosci Lett.</i> , 341(3):256-258 (May 8, 2003)			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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